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Docket No. F-9076

Ser. No. 10/582,299

AMENDMENTS TO THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. (Currently Amended) A subdivided fixed amount distributing apparatus for attachment to an aerosol container having a fixed amount injection valve disposed within a pressurized volume of the aerosol container and having a stem slidably extending from the aerosol container, the distributing apparatus comprising:

a lower sleeve configured to be secured to a top end of the aerosol container and ~~formed with~~ defining a center opening in a center thereof;

a nozzle body disposed in the center opening of the lower sleeve and formed with a nozzle bar having a lower end connectable to ~~connectable to a~~ the stem extending from the aerosol container for delivering contents in the aerosol container, the nozzle body ~~formed with~~ having a nozzle communicating with the stem;

a rotating body disposed at an upper side of the nozzle body , the rotating body having a tubular penetration bar extending from a center of the rotating body and penetrating the tubular penetration bar slidably accepting the nozzle bar ~~in a~~

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~~penetration bar formed on a center of the rotating body~~, the rotating body being
disposed rotatably with respect to the nozzle body and the lower ~~[[bar]]~~ sleeve;

~~as urged in an upper direction by~~ a coil spring wound around the nozzle
body bar and situated between the rotating body and the nozzle body so as to bias
the rotating body in an upward direction away from the nozzle body and the lower
sleeve;

an annular body disposed at an upper side of the rotating body ~~upon~~
~~penetration of the penetration bar of the rotating body in~~ and having an annular
body opening formed in a center of the annular body with the tubular penetration
bar extending through the annular body opening, the annular body having sending
blades with inclined sending blade surfaces circumferentially disposed on a bottom
of the annular body, the inclined sending blade surfaces being inclined relative to
a circumferential direction of the annular body;

a pushing body disposed at an upper side of the annular body ~~upon~~
~~penetration of~~ and having a pushing body opening accepting the penetration bar in
~~a penetration opening, the pushing body pushing being disposed to push the stem~~
via the annular body, the rotating body, and the nozzle body ~~according to when a~~
user effects a pushing down operation on the pushing body to open [[a]] the fixed
amount injection valve disposed in the aerosol container thereby allowing injection

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ejection of entire amounts of aerosol contents, stored within the fixed amount injection valve, through the nozzle body and out the nozzle; [[and]]

an upper sleeve attaching to the pushing body slidably in an up and down direction at the penetration opening, the upper sleeve secured to the lower sleeve at a lower end thereof, wherein of the upper sleeve, the upper sleeve having a center opening slidably accepting the pushing body therethrough, and the upper sleeve securing between the upper sleeve and the lower sleeve in sequence the pushing body, the annular body, the rotating body, the spring, and nozzle body such that downward displacement of the pushing body by a user displaces said the annular body together with the rotating body against the bias of the spring and toward the nozzle body in a downward direction toward the aerosol container so that the rotating body engages the nozzle body to effect downward displacement of the stem via the nozzle body;

the upper sleeve having [[plural]] receiving blades extending downward from a top inner surface of the upper sleeve and being disposed annularly around an inner circumference of the upper sleeve and defining insertion intervals between adjacent ones of the receiving blades, [[whose]] the receiving blades each having a receiving blade lower end inclined surface [[forms]] formed as a tapered portion which is inclined relative to a circumferential direction of the upper sleeve tapered

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~~at one corner are arranged annularly at an inner surface of the upper sleeve via insertion intervals, wherein :~~

~~said rotating body having a fitting piece formed as projecting at a lower side of radially outward from an outer periphery of the rotating body such that rotation of the rotating body positions is rendered the fitting piece to align to slidably engage the receiving blade lower end inclined surfaces, to align to be insertable in the insertion intervals between the receiving blades, and such that the fitting piece is disposed as facing to such the lower end surface of the sending blade as forming the tapered portion at a side of a bottom surface wall slidably engageable by the inclined sending blade surfaces of the annular body wherein :~~

~~the rotating body and the fitting piece being so configured that downward displacement of the pushing body by the user pushes the annular body downward so that the fitting piece of the rotating body is pushed by the inclined sending blade surfaces of the annular body to a position lower than a lower end of the receiving blade lower end inclined surfaces of the receiving blades along with the annular body to push the stem via the rotating body and the nozzle body to enable the fixed amount of the aerosol contents to be injected where the pushing body is pushed; ejected, and the fitting piece being so configured that the inclined sending blades surfaces engage and rotationally displaces the fitting piece in a first rotating direction so as to rotate the rotating body a predetermined amount;~~

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the rotating body and the fitting piece are so configured that release by the user of the downward displacement of the pushing body allows the spring biasing to move the rotating body, the annular body and the pushing body upward such that the fitting piece slidably engages one of the receiving blade lower end inclined surfaces so as to be rotationally displaced another predetermined amount in the first rotating direction and further upward movement inserts the fitting piece in one of the insertion intervals adjacent the one of the receiving blade lower end inclined surfaces such that subsequent downward displacement of the pushing body results in a further rotational displacement of the fitting piece and the rotating body in the first rotational direction by sliding engagement with a next one of the inclined sending blades surfaces, and subsequent release of downward displacement results in a further rotational displacement of the fitting piece and the rotating body by sliding engagement with a next one of the receiving blade lower end inclined surfaces thereby effecting rotation of the rotating body by the repeated downward displacement and release of the pushing body;

~~wherein the fitting piece pushed lower is inserted in the insertion interval along with each of inclined surfaces of the sending blade of the annular body and the receiving blade of the upper sleeve so the fitting piece as to be able to positionally move in the same direction one time, and~~

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said lower sleeve including a lower sleeve projection extending upward from an upper end surface of the lower sleeve and positioned such that rotation of the fitting piece and the rotating body by a predetermined number of the downward displacements of the pushing body and releases thereof wherein pushing operation of the stem and positional movement of rotates the fitting piece in the same direction are disabled by hitting the fitting piece on an upper end surface of an under sleeve projection formed as projecting at an upper surface of the under sleeve after the positional movement of a predetermined times according to the pushing operation of the pushing body into a position aligned with the lower sleeve projection such that further downward displacement of the fitting piece and the rotating body is obstructed by the lower sleeve projection engaging the fitting piece and further stem displacement and content ejection is prevented.

2. (Currently Amended) The subdivided fixed amount distributing apparatus for an aerosol container according to claim 1, wherein:

the pushing body is provided with a pushing body projecting piece formed at extending downward from a bottom surface of the pushing body thereof contactable to ;

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the rotating body has a radially offset upwardly projecting ~~[[a]]~~ contact wall circumferentially aligned with the pushing body projecting piece formed at a side of an outer periphery of the penetration bar of the rotating body; and

wherein the pushing body is rotatably disposed within the upper sleeve such that rotation of the pushing body effects engagement of the pushing body projecting piece with the contact wall of the rotating body and rotational displacement of the rotating body and the fitting piece such the said obstruction of downward displacement of ~~fitting between the fitting piece~~ ~~[[and]]~~ by the lower sleeve projection is releasable upon arbitrary the rotation of the rotating body in association with manual rotation of the pushing body moving the fitting piece out of alignment with the lower sleeve projection.

3. (Currently Amended) The subdivided fixed amount distributing apparatus for an aerosol container according to claim 1, wherein the pushing body is formed with a pushing projection at an upper surface thereof to be placed in pressurized contact with a user to effect said downward displacement of the pushing body.